

**PATENT**

Attorney Docket No.: AMBER-07185

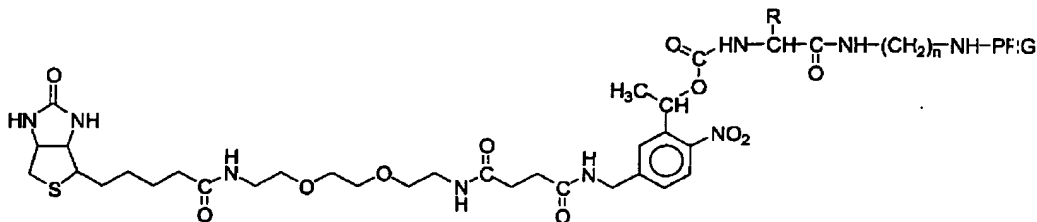
**AMENDMENTS TO THE CLAIMS  
PURSUANT TO REVISED 37 CFR 1.121**

The following is a listing of claims that replaces all prior versions, and listings, of claims in the application:

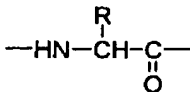
**CLAIMS**

Claims 1-19 (Cancelled)

20. (Currently amended) A photocleavable compound having the general formula:



wherein R is an aliphatic hydrocarbon chain, wherein the aliphatic hydrocarbon chain is C1-10 alkyl, linear or branched; wherein the portion defined by



comprises one or more stable isotopes selected from the group consisting of  $^2\text{H}$ ,  $^{13}\text{C}$ , and  $^{15}\text{N}$ ; and PRG is a protein reactive group that reacts with functional groups on proteins.

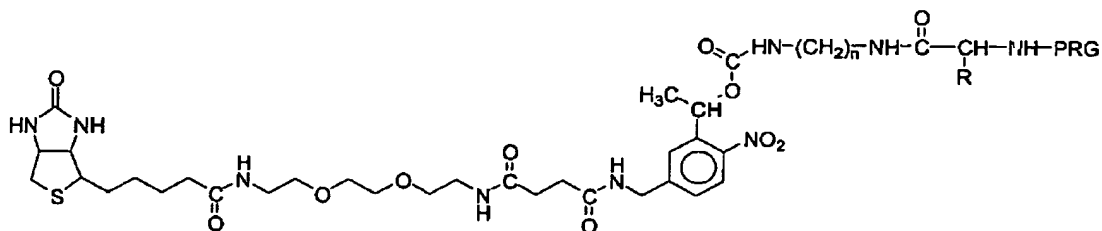
21. (Original) The compound of Claim 20, wherein said protein reactive group is a sulfhydryl reactive group or an amine reactive group.

**PATENT**Attorney Docket No.: **AMBER-07185**

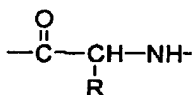
22. (Canceled)

23. (Canceled)

24. (Currently Amended) A photocleavable compound having the general formula:



wherein R is an aliphatic hydrocarbon chain, wherein the aliphatic hydrocarbon chain is C1-10 alkyl, linear or branched; wherein the portion defined by



comprises one or more stable isotopes selected from the group consisting of  $^2\text{H}$ ,  $^{13}\text{C}$ , and  $^{15}\text{N}$ ; and PRG is a protein reactive group that reacts with functional groups on proteins.

25. (Original) The compound of Claim 24, wherein said protein reactive group is a sulfhydryl reactive group or an amine reactive group.

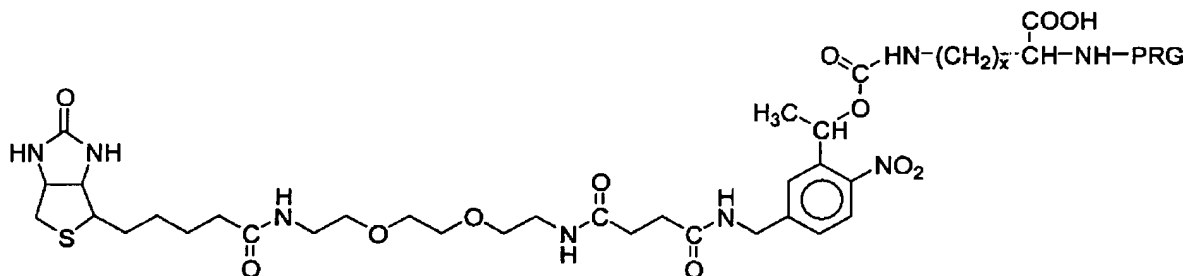
26. (Canceled)

**PATENT**

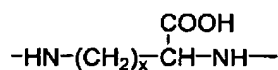
Attorney Docket No.: AMBER-07185

27. (Canceled)

28. (Previously Presented) A photocleavable compound having the general formula:



wherein x is a whole number between 1 and 10; wherein the portion defined by



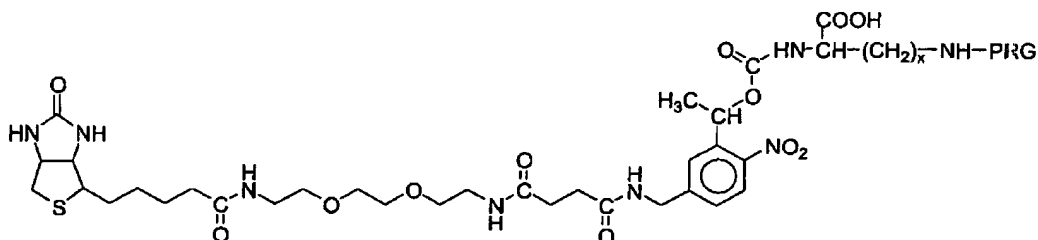
comprises one or more stable isotopes selected from the group consisting of  $^2\text{H}$ ,  $^{13}\text{C}$ , and  $^{15}\text{N}$ ; and PRG is a protein reactive group that reacts with functional groups on proteins.

29. (Original) The compound of Claim 28, wherein said protein reactive group is a sulfhydryl reactive group or an amine reactive group.

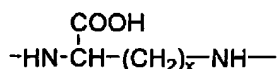
PATENT

Attorney Docket No.: AMBER-07185

30. (Previously Presented) A photocleavable compound having the general formula:



wherein x is a whole number between 1 and 10; wherein the portion defined by



comprises one or more stable isotopes selected from the group consisting of  $^2\text{H}$ ,  $^{13}\text{C}$ , and  $^{15}\text{N}$ ; and PRG is a protein reactive group that reacts with functional groups on proteins.

Claims 31-54 (Cancelled)

55. (Previously Presented) The photocleavable compound of Claim 21, wherein said protein reactive group is a maleimide or iodocetamide.
56. (Previously Presented) The photocleavable compound of Claim 25, wherein said protein reactive group is a maleimide or iodocetamide
57. (Previously Presented) The photocleavable compound of Claim 29, wherein said protein reactive group is a maleimide or iodocetamide.
58. (Previously Presented) The compound of Claim 30, wherein said protein reactive group is

**PATENT**

Attorney Docket No.: **AMBER-07185**

a sulfhydryl reactive group or an amine reactive group.

59. (Previously Presented) The photocleavable compound of Claim 58, wherein said protein reactive group is a maleimide or iodoacetamide.